

## **ABSTRACT**

A temperature compensation valve is hereby provided wherein the inner cavity of the valve comprises a puck, a metal piston (gas control device), and a  
5 spring. The spring serves to bias the piston towards the puck, and the puck expands and contracts proportionately in response to increases and decreases in temperature of the upstream gas. Furthermore, the piston will move accordingly, wherein an increase in temperature causes the expansion of the puck directing the piston in such a way to obstruct the orifice that allows the gas to pass through  
10 the valve, thereby controlling the gas flow to compensate for the pressure variations.